

# BANKING MANAGEMENT SYSTEM

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## ACKNOWLEDGEMENT

We take this opportunity to express our profound gratitude and deep regards to our faculty PROF **Mr. KABANI** for his exemplary guidance, monitoring and constant encouragement throughout the course of this project. The blessing, help and guidance given by him time to time shall carry us a long way in the journey of life on which we are about to embark.

We are highly obliged to our project team members for the valuable information provided by them in their respective fields. We are grateful for their cooperation during the period of our assignment.

# ABSTRACT

The adoption of Electronic Banking by commercial enterprises has been in existence since the mid 90's, much greater in number due to lower operating costs associated with it. Electronic banking has initially been in the form of automatic teller machines and telephone transactions. More recently a new delivery channel for banking services that benefits both customers and banks is in implementation i.e. using computers.

In this proposed interface, manager and accountant have access to the customer's account, and manager have special preference to access all details of banking system.

Banking system services can include:

- ▶ Client
- ▶ Front Office Advisors
- ▶ Managers

# INTRODUCTION

A Bank is a commercial or state institution that provides financial services, including issuing money in form of coins, bank notes or debit cards, receiving deposits of money, lending money and processing transactions. A commercial bank accepts deposits from customers and in turn makes loan based on those deposits.

This project is basically providing a full service user friendly interface primarily specializing in Banking Management System;

We are using following details of clients:

- Client ID
- First Name
- Last Name
- Photo
- Date Of Birth
- Account Type
- Gender
- Telephone
- Address
- Occupation
- Nationality
- Martial Status
- Email ID

The bank will provide following functionalities to clients:

- Create his account
  - View and modify their personal information
  - View the balance and transaction history of their accounts
  - Extract statements of account(s) in .csv format
- 
- Make a Transfer(Internal or external)
  - Feed and account
  - Viewing transections of deposit.The bank will provide the functionalities to the Front office advisers:
- See the list of clients
  - View clients personal information
  - View the balance and transaction history of all client accounts

The bank will provide following functionalities to managers:

- View the sum of customer deposit in defined period
- Generate reports on customer activities in defined period

\* We will provide an email alert to the customer after the account creation providing them with their account numbers.

\* We will also provide email alert for each deposit and withdrawal of money from his/her account.

# SYSTEM REQUIREMENTS

## HARDWARE REQUIREMENT

- Laptop Intel i3 3<sup>rd</sup> Gen clock speed 2.5 GHz and above.
- Hard disk : min. 10 GB
- Ram : 1 GB
- Monitor resolution : 800 X 600

## SOFTWARE REQUIREMENT

- ANY Operating System (Windows 10 / 8, Linux, Mac)
- JDK 8 (Java Development Kit)
- JRE 8 (Java Runtime Environment)
- Language Used : JAVA 8
- Eclipse Neon IDE
- File system



# **PROBLEM DEFINITION AND PROPOSAL**

## **INTRODUCTION**

In proposed system, the management needs not to keep any type of registers, which they use to keep in old one. They have work only with one computer. All the details are stored in computer files. The dual entries are done very quickly as entry in one file only, affects the other file where it has to record. In the way there is no need to record the computer operator.

The working through registers system is not only very laborious and time consuming, but there are number of errors found. In comparison to old system the proposed system of computer processes many advantages.

Some of the merits of proposed system are as follows:-

- **Accuracy:-**

It is one of the features of computer that it provides accuracy result. It is often said, “Man does mistakes but machines never”. When a man works there seems numbers of errors and mistakes in performing calculation and other things, while it is not in case with computers.

- **Security:-**

The security is maintained vary comfortably in computers. Secretes are not disclosed off, as there are password settings in the computers. So the firm can get the benefit of non-disclosure of its secrets to the outsider competitors as well as other non-authorized persons.

- **Time saving:-**

The computerized system is time saving. On an immediate inquiry , the operator or any authorized person has to just click some switches and get the information in few seconds.

- **Perform Repetitive Task Very Well:-**

It is said that computer never tires. I do the repetitive task very well as it never feels laziness. Performance of repetitive task by a man is not well Performed, as main tires very quickly and feels lazy. It is not in the case with computer. So, proposed system is beneficial than Old one.

## **EXISTING SYSTEM**

Presently there is no such system available. Some are there with limited access and following limitations:

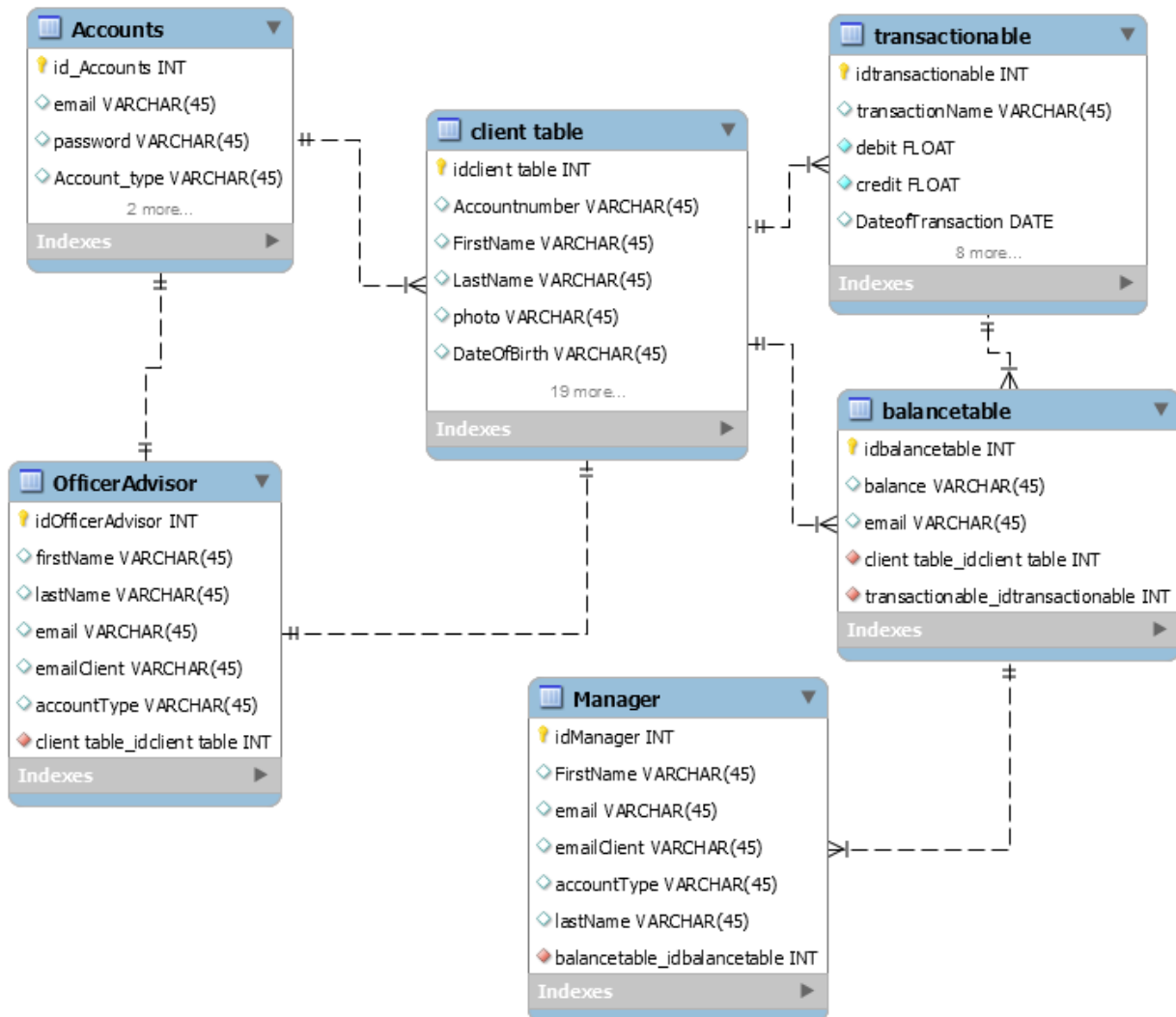
- Time consuming...
- More expensive...
- Searching problem...
- Maintains problem of all registers...
- Less accuracy...
- Problem for marking of not normal value...

## **PROPOSED SYSTEM**

In our system we are looking forward to provide following advantages to users:

- Time saving...
- Less expensive...
- Powerful searching...
- Solve the problem of maintains register...
- More accuracy...
- Easy generate report...
- Not display multiple reports...

# UML DIAGRAM



## MODULES DESCRIPTION AND SCREENSHOTS



### WELCOME FRAME

This page will redirect to login page. This page is common for client, advisor & Manager .



SWISS BANK SYSTEM

Login

Email

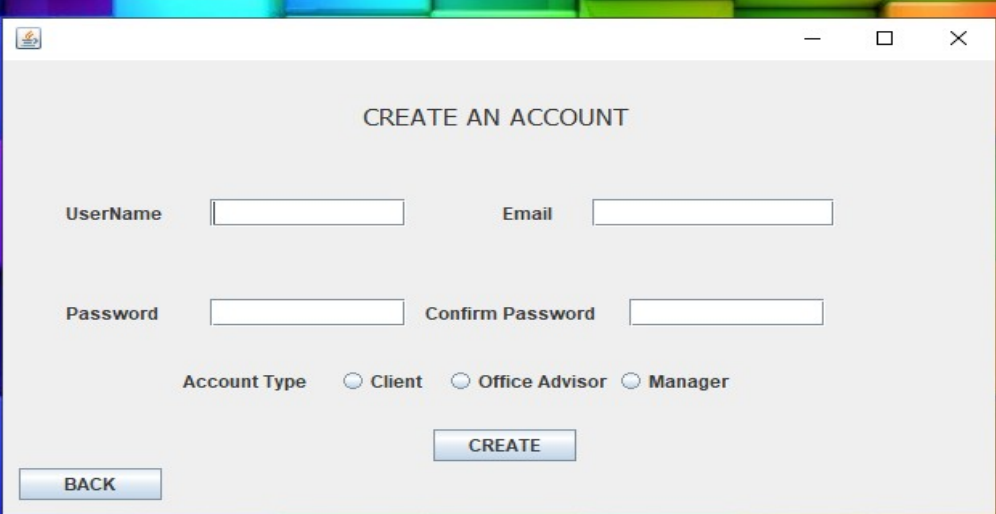
password

☐ Client ☐ Advisor ☐ Manager

Login

CREATE ACCOUNT

Creating An Account :



CREATE AN ACCOUNT

UserName  Email

Password  Confirm Password

Account Type ☐ Client ☐ Office Advisor ☐ Manager

BACK CREATE

## CLIENT INFORMATION:

**SWISS BANK**      Satyendra      Chandan

**INFORMATION**    **TRANSACTION**    **TRANSFER**    **ADD MONEY**

<b>ACC No:</b>	e4424234	<b>Nationality:</b>	Indian
<b>EmailID:</b>	csatyendra02@gmail.com	<b>Married:</b>	yes
<b>Gender:</b>	M	<b>Spouse Name:</b>	Kristina
<b>Telephone:</b>	766023707	<b>Birth Place:</b>	Mumbai
<b>Address:</b>		<b>Children:</b>	2
<b>House No:</b>	App,46, Residence Saint Mark	<b>Bank Agency:</b>	Rouen
<b>Neighbourhood:</b>	Saint Mark	<b>DOB:</b>	1991-02-07
<b>City:</b>	Rouen		
<b>Country:</b>	France		
<b>Zip Code:</b>	76000	<b>BIC Code:</b>	23223
<b>Occupation:</b>	Student	<b>IBAN</b>	
<b>Mobile:</b>	766023707		FR528423223154041SWISSFR78731

**BALANCE**    €    116.0    **Edit**

## CLIENT PERSONAL DETAILS EDIT:

**CLIENT INFORMATION EDIT**      **Address**

<b>First Name</b>	Satyendra	<b>House</b>	6, Residence Saint Mark
<b>Last Name</b>	Chandan	<b>Neighbourhood</b>	Saint Mark
<b>DOB</b>	YYYY-MM-DD 1991-02-07	<b>City</b>	Rouen
<b>Password</b>	<b>Change Pas...</b>	<b>Country</b>	France
<b>Gender</b>	<input checked="" type="radio"/> Male <input type="radio"/> Fem...	<b>Zip Code</b>	76000
<b>Telephone</b>	766023707	<b>Occupation</b>	Student
<b>Married</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<b>Mobile</b>	766023707
<b>Spouse Name:</b>	Kristina	<b>Nationality</b>	Indian
<b>Bank Agency</b>	Rouen	<b>Birth Place</b>	Mumbai
		<b>Children</b>	2

**Back**      **Done**

**TRANSACTION DETAILS:** Here we can see total transaction details including with benefices details.

id_bankBala...	transactionN...	debit	credit	dateOfTrans...	email	iban	bic	accountNo	accountNoR...	emailIDRecl...	bicRecipient
1	dsfsdfsdfs	200.0	0.0	2019-01-05	csatyendra0...	FR52842322...	23223	e4424234	3232323232	ddsdsda@...	232232
2	d d	0.0	1.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234		23223
3	ww ww	0.0	22.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
4	ww ww	0.0	22.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
5	qq qq	200.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	3434342342	doggy@gma...	32323
6	roon ronny	1000.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	FR52842009...	rooon@gmai...	20091
7	roon ronny	200.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	FR52842009...	rooon@gmai...	20091
9	roon ronny	100.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	FR52842009...	rooon@gmai...	20091
12	satya chan	0.0	200.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	SWISSFR78...	rooon@gmai...	20091
14	satya chandan	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
26	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
27	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
28	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
29	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
30	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
31	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
32	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
34	dd dd	20.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234			
35	dff dff	323.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	dfdsf		dfsd
36	dff dff	323.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	dfdsf		44332
37	dff dff	323.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	dfdsf		
38	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
39	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
40	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
41	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
42	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
43	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
44	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
45	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
46	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223



## EXPORT TRANSACTION DETAILS:

The screenshot displays an Excel spreadsheet titled '212.csv - Excel (Unlicensed Product)' with a green ribbon. The spreadsheet contains transaction data with columns: id\_bankBala, transactionN, debit, credit, dateOfTrans, email, iban, bic, accountNo, accountNoR, emailIDRe, and bicRecipient. An 'Open' dialog box is overlaid on the spreadsheet, showing the 'Documents' folder and a list of files including 'My Tableau Repository', 'NetBeansProjects', 'OneNote Notebooks', 'SQL Server Management Studio', 'TB Template', and 'to be processed'. The dialog box has 'File Name' and 'Files of Type' (All Files) fields, and 'Open' and 'Cancel' buttons.

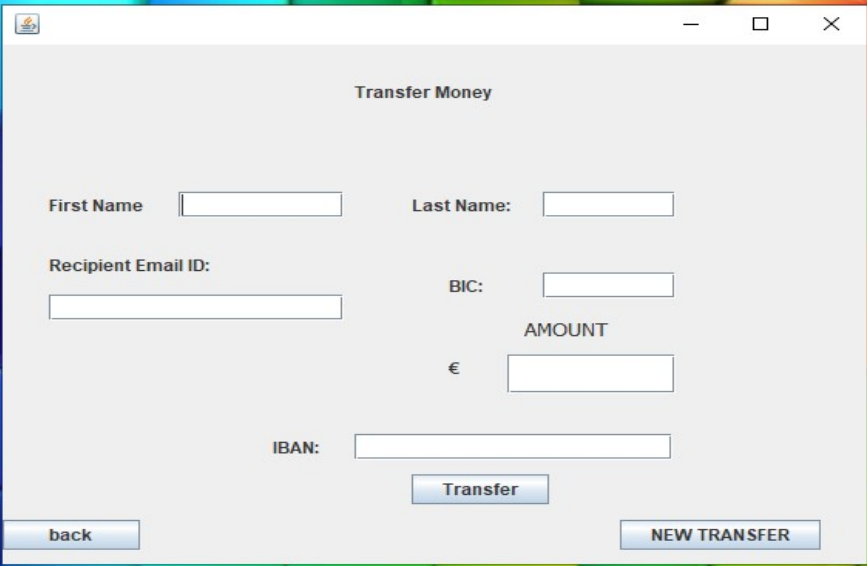
id_bankBala	transactionN	debit	credit	dateOfTrans	email	iban	bic	accountNo	accountNoR	emailIDRe	bicRecipient
1	dsfsdfsdfs	200.0	0.0	2019-01-05	csatyendra0...	FR52842322...	23223	e4424234	3232323232	dsdsdasda@...	232232
2	d d	0.0	1.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234		23223
3	ww ww	0.0	22.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
4	ww ww	0.0	22.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
5	qq qq	200.0									
6	roon ronny	1000.0									
7	roon ronny	200.0									
9	roon ronny	100.0									
12	satya chan	0.0									
14	satya chandan	0.0									
26	dd dd	0.0									
27	dd dd	0.0									
28	dd dd	0.0									
29	dd dd	0.0									
30	dd dd	0.0									
31	dd dd	0.0									
32	dd dd	0.0									
34	dd dd	20.0									
35	dff dff	323.0									
36	dff dff	323.0									
37	dff dff	323.0									
38	dff dff	0.0									
39	dff dff	0.0									
40	dff dff	0.0									
41	dff dff	0.0									
42	dff dff	0.0									
43	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
44	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
45	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
46	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223

The Excel spreadsheet shows the following data in the 'id\_bankBala' column:

id_bankBala	transactionN	debit	credit	dateOfTrans	email	iban	bic	accountNo	accountNoR	emailIDRe	bicRecipient
1	dsfsdfsdfs	200	0	05-Jan-19	csatyendr...	3.23E+10	23223	e4424234	3.23E+09	dsdsdasda...	232232
2	d d	0	1	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234		23223
3	ww ww	0	22	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
4	ww ww	0	22	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
5	qq qq	200	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	3.43E+09	doggy@gr...	32323
6	roon ronny	1000	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	FR5284200...	roon@gr...	20091
7	roon ronny	200	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	FR5284200...	roon@gr...	20091
9	roon ronny	100	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	FR5284200...	roon@gr...	20091
12	satya chan	0	200	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	SWISSFR7...	roon@gr...	20091
14	satya chandan	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
16	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
18	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
20	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
22	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
24	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
26	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
28	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
30	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
32	dd dd	0	20	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	e4424234	csatyendr...	23223
34	dd dd	20	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234			
36	dff dff	323	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	dfdsf		dfsd
38	dff dff	323	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	dfdsf		44332
40	dff dff	323	0	23-Jan-19	csatyendr...	3.23E+10	23223	e4424234	dfdsf		



## TRANSFER MONEY:

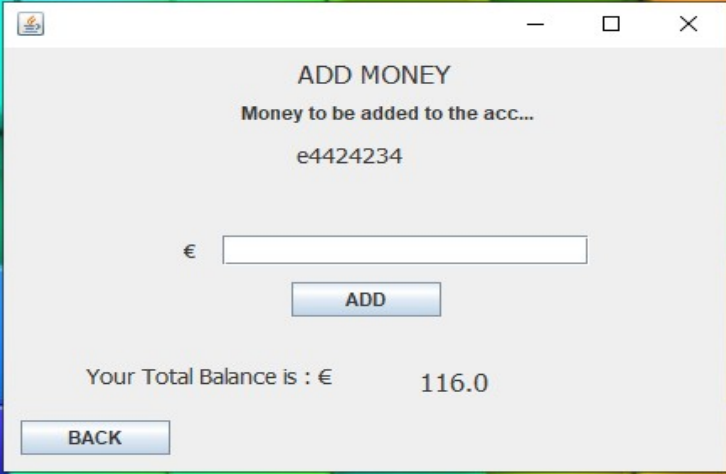


A dialog box titled "Transfer Money" with a standard window frame (minimize, maximize, close buttons). The background of the entire image is a grid of colorful 3D cubes in shades of blue, green, yellow, and red.

The dialog box contains the following fields and buttons:

- First Name:**
- Last Name:**
- Recipient Email ID:**
- BIC:**
- AMOUNT:**
- €**
- IBAN:**
- Transfer** button
- back** button
- NEW TRANSFER** button

## ADD MONEY:

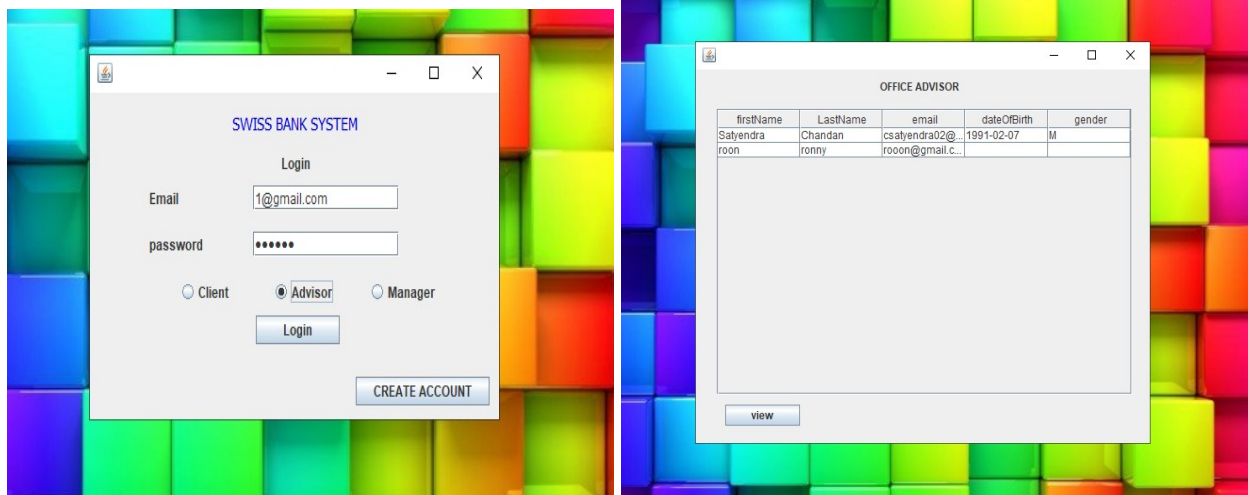


A dialog box titled "ADD MONEY" with a standard window frame (minimize, maximize, close buttons). The background of the entire image is a grid of colorful 3D cubes in shades of blue, green, yellow, and red.

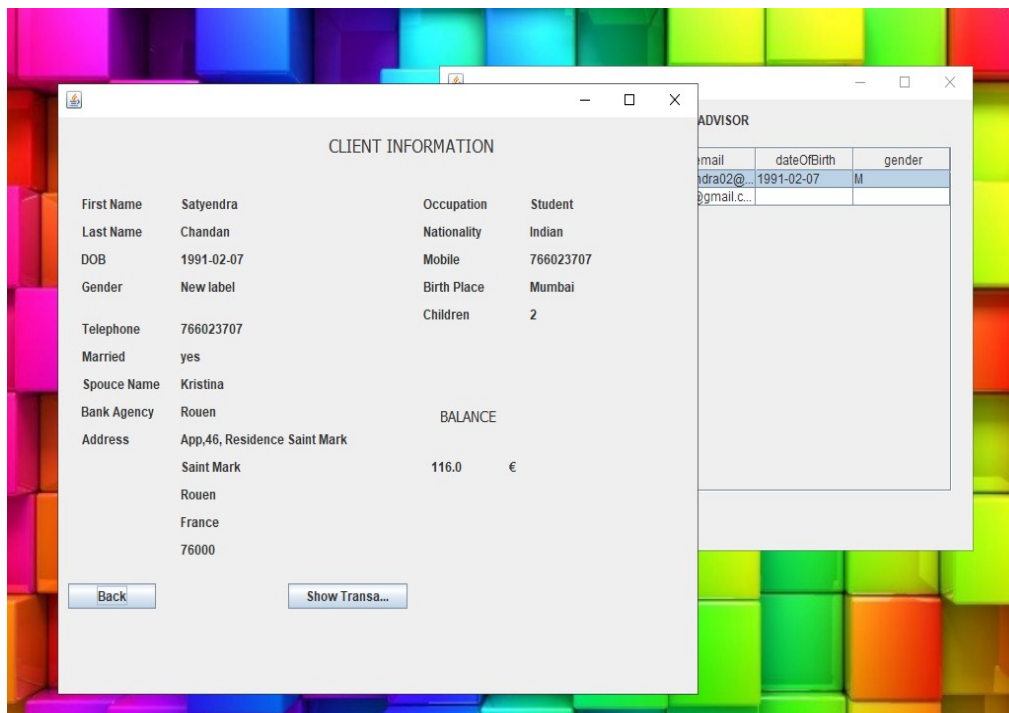
The dialog box contains the following fields and buttons:

- ADD MONEY** (Title)
- Money to be added to the acc...** (Label)
- e4424234** (Text)
- €**
- ADD** button
- Your Total Balance is : € 116.0** (Text)
- BACK** button

## TO VIEW CLIENTS DETAILS BY OFFICE ADVISOR:



- Office advisor can see client information Office advisor should login by his mail ID & Password and choose advisor option as shown in above image.
- By logging he can see all client names.



Office advisor can see client information

id_bankBala...	transactionN...	debit	credit	dateOfTrans...	email	iban	bic	accountNo	accountNoR...	emailIDReci...	bicRecipient
1	dsfsdfsdfs	200.0	0.0	2019-01-05	csatyendra0...	FR52842322...	23223	e4424234	3232323232	ddsasda@...	232232
2	d d	0.0	1.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234		23223
3	ww ww	0.0	22.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
4	ww ww	0.0	22.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
5	qq qq	200.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	3434342342	doggv@gma...	32323
6	roon ronny	1000.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	FR52842009...	roon@gmai...	20091
7	roon ronny	200.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	FR52842009...	roon@gmai...	20091
9	roon ronny	100.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	FR52842009...	roon@gmai...	20091
12	satya chan	0.0	200.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	SWISSFR78...	roon@gmai...	20091
14	satya chandan	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
26	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
27	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
28	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
29	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
30	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
31	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
32	dd dd	0.0	20.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
34	dd dd	20.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234			
35	dff dff	323.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	dfdsf		dfsd
36	dff dff	323.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	dfdsf		44332
37	dff dff	323.0	0.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	dfdsf		
38	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
39	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
40	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
41	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
42	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
43	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
44	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
45	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223
46	dff dff	0.0	323.0	2019-01-23	csatyendra0...	FR52842322...	23223	e4424234	e4424234	csatyendra0...	23223

Buttons: Back

Office advisor can see total transaction details of clients

The image displays two screenshots of a Java Swing application interface, set against a background of colorful 3D cubes.

**Left Screenshot: SWISS BANK SYSTEM Login Window**

- Title Bar:** SWISS BANK SYSTEM
- Header:** SWISS BANK SYSTEM
- Login Section:**
  - Label: Login
  - Email field: 111@gmail.com
  - Password field: \*\*\*\*\*
- User Selection:**
  - ☐ Client
  - ☐ Advisor
  - ☒ Manager
- Buttons:** Login, CREATE ACCOUNT

**Right Screenshot: MANAGER Window**

- Title Bar:** MANAGER
- Date Range:**
  - From: Jan 1, 2019
  - To: Jan 25, 2019
- Action:** SHOW button
- Table:**

firstName	lastName	email	deposit
Satyendra	Chandan	csatyendra02@gmail.com	200.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	200.0
Satyendra	Chandan	csatyendra02@gmail.com	1000.0
Satyendra	Chandan	csatyendra02@gmail.com	200.0
Satyendra	Chandan	csatyendra02@gmail.com	100.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
Satyendra	Chandan	csatyendra02@gmail.com	0.0
- Footer:** GENERATE REP... button

- 111.xls [Compatibility Mode] - Excel (Unlicensed Product) Satyendra Chandra

File Home Insert Page Layout Formulas Data Review View Developer Help Tell me what you want to do

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles Cells Editing

PRODUCT NOTICE There was a problem checking this device's license status. Please sign in with the Office 365 account this device was activated with. Sign In

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	First Name	Last Name	Email	Deposit																
2	Satyendra	Chandan	csatytendr@200.0																	
3	Satyendra	Chandan	csatytendr@0.0																	
4	Satyendra	Chandan	csatytendr@0.0																	
5	Satyendra	Chandan	csatytendr@0.0																	
6	Satyendra	Chandan	csatytendr@200.0																	
7	Satyendra	Chandan	csatytendr@1000.0																	
8	Satyendra	Chandan	csatytendr@200.0																	
9	Satyendra	Chandan	csatytendr@100.0																	
10	Satyendra	Chandan	csatytendr@0.0																	
11	Satyendra	Chandan	csatytendr@0.0																	
12	Satyendra	Chandan	csatytendr@0.0																	
13	Satyendra	Chandan	csatytendr@0.0																	
14	Satyendra	Chandan	csatytendr@0.0																	
15	Satyendra	Chandan	csatytendr@0.0																	
16	Satyendra	Chandan	csatytendr@0.0																	
17	Satyendra	Chandan	csatytendr@0.0																	
18	Satyendra	Chandan	csatytendr@0.0																	
19	Satyendra	Chandan	csatytendr@20.0																	
20	Satyendra	Chandan	csatytendr@323.0																	
21	Satyendra	Chandan	csatytendr@323.0																	
22	Satyendra	Chandan	csatytendr@323.0																	
23	Satyendra	Chandan	csatytendr@0.0																	
24	Satyendra	Chandan	csatytendr@0.0																	
25	Satyendra	Chandan	csatytendr@0.0																	
26	Satyendra	Chandan	csatytendr@0.0																	

< lawix10 >

Client deposited amount details in Excel format.

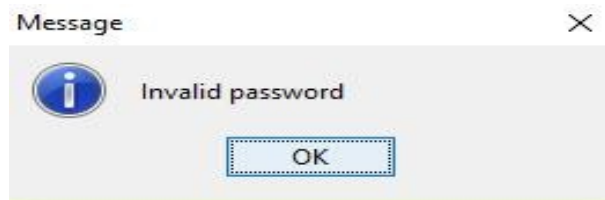
## ● VALIDATION CHECK

Following message box will display when there is a violation of field validation.

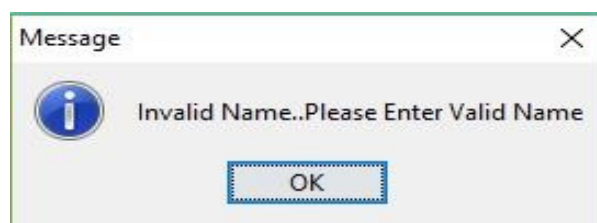
- When the user ID is empty or incorrect;



- When the user Password is empty or incorrect;



- When the customer name field is empty (it is a mandatory field);



# **CONCLUSION AND FUTURE ENHANCEMENT**

## **CONCLUSION**

We conclude to build a sealable interface that simplifies the banking system handling. It has the following objectives:

- Improved access to all transection and other operation.
- Easy access and handling of customers account.
- Detailed access of customer is easy for accountant and all customer and accountant details access is simple for Manager.

## **FUTURE ENHANCEMENT**

The file managed containing all the information regarding:

- Customers
- Accountant
- Transactions

It will always be updated with the recently added details.

We are looking forward to add following features to this software:

- Online banking.
- SMS alerts on customer's registered mobile number.
- Online shopping payment gateway.
- Customer can video chat with accountant or the manager.

